

**Table 2G. Federal obligations for basic research, by detailed field of science
& engineering: HHS, Alcohol, Drug Abuse, & Mental Health
Administration, fiscal years 1970-2003**

[Dollars in thousands]

Page 1 of 5

Field of science & engineering	1970	1971	1972	1973	1974	1975	1976
Total, all fields	NA	NA	NA	52,555	53,297	66,245	52,557
Life sciences, total	NA	NA	NA	19,679	26,906	37,456	29,986
Biol & agricultural, total	NA	NA	NA	15,080	16,327	18,839	22,808
Biol (excl environmental)	NA	NA	NA	NA	NA	NA	NA
Environmental biology	NA	NA	NA	NA	NA	NA	NA
Agricultural	NA	NA	NA	NA	NA	NA	NA
Medical sciences, total	NA	NA	NA	4,599	10,579	16,136	4,859
Clinical medical	NA	NA	NA	4,599	6,785	10,682	3,233
Other medical	NA	NA	NA	0	3,794	5,454	1,626
Life sciences, n.e.c.	NA	NA	NA	0	0	2,481	2,319
Psychology, total	NA	NA	NA	22,677	19,837	19,074	15,918
Biological aspects	NA	NA	NA	13,169	12,733	9,002	10,169
Social aspects	NA	NA	NA	9,508	7,104	9,370	5,749
Psychological sciences, n.e.c.	NA	NA	NA	0	0	702	0
Physical sciences, total	NA	NA	NA	1,094	180	323	32
Astronomy	NA	NA	NA	0	0	0	0
Chemistry	NA	NA	NA	1,094	180	323	32
Physics	NA	NA	NA	0	0	0	0
Physical sciences, n.e.c.	NA	NA	NA	0	0	0	0
Environmental sciences, total	NA	NA	NA	0	0	0	0
Atmospheric sciences	NA	NA	NA	0	0	0	0
Geological sciences	NA	NA	NA	0	0	0	0
Oceanography	NA	NA	NA	0	0	0	0
Environmental sciences, n.e.c.	NA	NA	NA	0	0	0	0
Math & computer sciences, total	NA	NA	NA	208	638	535	335
Mathematics	NA	NA	NA	NA	NA	NA	335
Computer sciences	NA	NA	NA	NA	NA	NA	0
Math & computer sciences, n.e.c.	NA	NA	NA	NA	NA	NA	0
Engineering, total	NA	NA	NA	0	0	0	0
Aeronautical	NA	NA	NA	0	0	0	0
Astronautical	NA	NA	NA	0	0	0	0
Chemical	NA	NA	NA	0	0	0	0
Civil	NA	NA	NA	0	0	0	0
Electrical	NA	NA	NA	0	0	0	0
Mechanical	NA	NA	NA	0	0	0	0
Metallurgy & materials	NA	NA	NA	0	0	0	0
Engineering, n.e.c.	NA	NA	NA	0	0	0	0
Social sciences, total	NA	NA	NA	8,897	5,736	7,717	6,067
Anthropology	NA	NA	NA	1,717	446	933	333
Economics	NA	NA	NA	0	0	40	100
Political science	NA	NA	NA	0	0	40	0
Sociology	NA	NA	NA	5,437	4,698	2,745	4,904
Social sciences, n.e.c.	NA	NA	NA	1,743	592	3,959	730
History	NA	NA	NA	0	71	200	NA
Linguistics	NA	NA	NA	1,743	521	400	NA
Other social sciences	NA	NA	NA	0	0	3,359	NA
Other sciences, n.e.c.	NA	NA	NA	0	0	1,140	219

See explanatory information, if any, and SOURCE at end of table.

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[Dollars in thousands]

Page 2 of 5

Field of science & engineering	1977	1978	1979	1980	1981	1982	1983
Total, all fields	62,670	79,917	94,622	104,736	116,309	117,331	144,950
Life sciences, total	33,963	47,113	56,745	59,731	66,635	63,736	91,696
Biol & agricultural, total	24,422	36,589	44,183	43,442	50,223	44,691	65,651
Biol (excl environmental)	NA	36,589	44,183	43,396	50,156	44,691	65,651
Environmental biology	NA	0	0	46	67	0	0
Agricultural	NA	0	0	0	0	0	0
Medical sciences, total	4,925	6,157	6,097	9,159	14,164	16,153	20,853
Clinical medical	3,516	NA	NA	NA	NA	NA	NA
Other medical	1,409	NA	NA	NA	NA	NA	NA
Life sciences, n.e.c.	4,616	4,367	6,465	7,130	2,248	2,892	5,192
Psychology, total	18,421	24,822	26,122	30,035	34,652	38,151	37,679
Biological aspects	11,400	15,766	15,938	19,506	21,588	25,050	24,054
Social aspects	7,021	9,056	10,038	10,328	10,863	11,666	11,414
Psychological sciences, n.e.c.	0	0	146	201	2,201	1,435	2,211
Physical sciences, total	898	214	400	771	422	250	882
Astronomy	0	0	0	0	0	0	0
Chemistry	898	214	400	771	422	250	865
Physics	0	0	0	0	0	0	17
Physical sciences, n.e.c.	0	0	0	0	0	0	0
Environmental sciences, total	0	0	0	0	0	0	0
Atmospheric sciences	0	0	0	0	0	0	0
Geological sciences	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0
Environmental sciences, n.e.c.	0	0	0	0	0	0	0
Math & computer sciences, total	573	302	265	196	0	171	136
Mathematics	573	302	0	0	0	171	68
Computer sciences	0	0	0	0	0	0	68
Math & computer sciences, n.e.c.	0	0	265	196	0	0	0
Engineering, total	0	73	73	36	35	0	0
Aeronautical	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0
Metallurgy & materials	0	0	0	0	0	0	0
Engineering, n.e.c.	0	73	73	36	35	0	0
Social sciences, total	6,441	7,289	9,253	12,175	10,321	11,039	12,125
Anthropology	307	313	288	412	273	409	249
Economics	83	99	147	36	81	145	23
Political science	86	60	147	216	408	349	687
Sociology	5,098	6,116	7,677	10,045	8,041	8,842	9,923
Social sciences, n.e.c.	867	701	994	1,466	1,518	1,294	1,243
History	NA	NA	NA	NA	NA	NA	NA
Linguistics	NA	NA	NA	NA	NA	NA	NA
Other social sciences	NA	NA	NA	NA	NA	NA	NA
Other sciences, n.e.c.	2,374	104	1,764	1,792	4,244	3,984	2,432

See explanatory information, if any, and SOURCE at end of table.

**Table 2G. Federal obligations for basic research, by detailed field of science
& engineering: HHS, Alcohol, Drug Abuse, & Mental Health
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[Dollars in thousands]

Page 3 of 5

Field of science & engineering	1984	1985	1986	1987	1988	1989	1990
Total, all fields	170,843	196,750	203,360	232,158	265,752	307,980	386,181
Life sciences, total	106,596	123,219	128,307	146,792	165,870	198,831	235,706
Biol & agricultural, total	76,563	85,365	85,205	96,892	108,442	124,979	154,071
Biol (excl environmental)	75,941	84,678	84,695	95,958	107,560	124,347	153,562
Environmental biology	0	229	13	312	588	316	407
Agricultural	622	458	497	622	294	316	102
Medical sciences, total	26,824	34,470	39,043	46,357	52,890	67,470	72,457
Clinical medical	NA	NA	NA	NA	NA	NA	NA
Other medical	NA	NA	NA	NA	NA	NA	NA
Life sciences, n.e.c.	3,209	3,384	4,059	3,543	4,538	6,382	9,178
Psychology, total	46,100	53,005	54,799	62,086	66,473	78,791	103,317
Biological aspects	28,686	30,663	32,269	33,924	37,549	41,920	50,900
Social aspects	13,870	18,475	18,243	20,865	21,578	27,270	41,906
Psychological sciences, n.e.c.	3,544	3,867	4,287	7,297	7,346	9,601	10,511
Physical sciences, total	1,213	2,107	2,534	3,866	4,558	3,928	4,502
Astronomy	0	0	0	0	0	0	0
Chemistry	1,208	2,087	2,403	3,784	4,558	3,876	4,502
Physics	5	20	131	82	0	52	0
Physical sciences, n.e.c.	0	0	0	0	0	0	0
Environmental sciences, total	0	0	0	0	0	0	0
Atmospheric sciences	0	0	0	0	0	0	0
Geological sciences	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0
Environmental sciences, n.e.c.	0	0	0	0	0	0	0
Math & computer sciences, total	426	376	223	600	716	723	705
Mathematics	144	116	134	232	257	248	342
Computer sciences	282	260	89	368	459	475	363
Math & computer sciences, n.e.c.	0	0	0	0	0	0	0
Engineering, total	73	0	75	204	98	616	806
Aeronautical	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0
Metallurgy & materials	0	0	0	0	0	0	0
Engineering, n.e.c.	73	0	75	204	98	616	806
Social sciences, total	13,275	14,423	14,344	16,016	19,971	21,073	26,307
Anthropology	306	310	775	1,456	1,200	437	939
Economics	66	904	1,223	1,486	1,312	1,514	3,198
Political science	1,268	1,672	1,602	776	1,046	1,056	1,138
Sociology	9,682	9,517	8,197	9,471	15,622	14,618	16,977
Social sciences, n.e.c.	1,953	2,020	2,547	2,827	791	3,448	4,055
History	NA	NA	NA	NA	NA	NA	NA
Linguistics	NA	NA	NA	NA	NA	NA	NA
Other social sciences	NA	NA	NA	NA	NA	NA	NA
Other sciences, n.e.c.	3,160	3,620	3,078	2,594	8,066	4,018	14,838

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[Dollars in thousands]

Page 4 of 5

Field of science & engineering	1991	1992	1993	1994	1995	1996	1997
Total, all fields	459,093	NA	NA	NA	NA	NA	NA
Life sciences, total	271,640	NA	NA	NA	NA	NA	NA
Biol & agricultural, total	185,348	NA	NA	NA	NA	NA	NA
Biol (excl environmental)	183,434	NA	NA	NA	NA	NA	NA
Environmental biology	638	NA	NA	NA	NA	NA	NA
Agricultural	1,276	NA	NA	NA	NA	NA	NA
Medical sciences, total	72,328	NA	NA	NA	NA	NA	NA
Clinical medical	NA	NA	NA	NA	NA	NA	NA
Other medical	NA	NA	NA	NA	NA	NA	NA
Life sciences, n.e.c.	13,964	NA	NA	NA	NA	NA	NA
Psychology, total	126,666	NA	NA	NA	NA	NA	NA
Biological aspects	59,206	NA	NA	NA	NA	NA	NA
Social aspects	56,781	NA	NA	NA	NA	NA	NA
Psychological sciences, n.e.c.	10,679	NA	NA	NA	NA	NA	NA
Physical sciences, total	4,542	NA	NA	NA	NA	NA	NA
Astronomy	0	NA	NA	NA	NA	NA	NA
Chemistry	4,518	NA	NA	NA	NA	NA	NA
Physics	24	NA	NA	NA	NA	NA	NA
Physical sciences, n.e.c.	0	NA	NA	NA	NA	NA	NA
Environmental sciences, total	0	NA	NA	NA	NA	NA	NA
Atmospheric sciences	0	NA	NA	NA	NA	NA	NA
Geological sciences	0	NA	NA	NA	NA	NA	NA
Oceanography	0	NA	NA	NA	NA	NA	NA
Environmental sciences, n.e.c.	0	NA	NA	NA	NA	NA	NA
Math & computer sciences, total	645	NA	NA	NA	NA	NA	NA
Mathematics	213	NA	NA	NA	NA	NA	NA
Computer sciences	432	NA	NA	NA	NA	NA	NA
Math & computer sciences, n.e.c.	0	NA	NA	NA	NA	NA	NA
Engineering, total	674	NA	NA	NA	NA	NA	NA
Aeronautical	0	NA	NA	NA	NA	NA	NA
Astronautical	0	NA	NA	NA	NA	NA	NA
Chemical	0	NA	NA	NA	NA	NA	NA
Civil	0	NA	NA	NA	NA	NA	NA
Electrical	0	NA	NA	NA	NA	NA	NA
Mechanical	0	NA	NA	NA	NA	NA	NA
Metallurgy & materials	0	NA	NA	NA	NA	NA	NA
Engineering, n.e.c.	674	NA	NA	NA	NA	NA	NA
Social sciences, total	34,116	NA	NA	NA	NA	NA	NA
Anthropology	1,873	NA	NA	NA	NA	NA	NA
Economics	2,889	NA	NA	NA	NA	NA	NA
Political science	683	NA	NA	NA	NA	NA	NA
Sociology	20,417	NA	NA	NA	NA	NA	NA
Social sciences, n.e.c.	8,254	NA	NA	NA	NA	NA	NA
History	NA	NA	NA	NA	NA	NA	NA
Linguistics	NA	NA	NA	NA	NA	NA	NA
Other social sciences	NA	NA	NA	NA	NA	NA	NA
Other sciences, n.e.c.	20,810	NA	NA	NA	NA	NA	NA

See explanatory information, if any, and SOURCE at end of table.

Table 2G. Federal obligations for basic research, by detailed field of science & engineering: HHS, Alcohol, Drug Abuse, & Mental Health Administration, fiscal years 1970-2003

[Dollars in thousands]

Field of science & engineering	1998	1999	2000	2001	Preliminary	
					2002	2003
Total, all fields	NA	NA	NA	NA	NA	NA
Life sciences, total	NA	NA	NA	NA	NA	NA
Biol & agricultural, total	NA	NA	NA	NA	NA	NA
Biol (excl environmental)	NA	NA	NA	NA	NA	NA
Environmental biology	NA	NA	NA	NA	NA	NA
Agricultural	NA	NA	NA	NA	NA	NA
Medical sciences, total	NA	NA	NA	NA	NA	NA
Clinical medical	NA	NA	NA	NA	NA	NA
Other medical	NA	NA	NA	NA	NA	NA
Life sciences, n.e.c.	NA	NA	NA	NA	NA	NA
Psychology, total	NA	NA	NA	NA	NA	NA
Biological aspects	NA	NA	NA	NA	NA	NA
Social aspects	NA	NA	NA	NA	NA	NA
Psychological sciences, n.e.c.	NA	NA	NA	NA	NA	NA
Physical sciences, total	NA	NA	NA	NA	NA	NA
Astronomy	NA	NA	NA	NA	NA	NA
Chemistry	NA	NA	NA	NA	NA	NA
Physics	NA	NA	NA	NA	NA	NA
Physical sciences, n.e.c.	NA	NA	NA	NA	NA	NA
Environmental sciences, total	NA	NA	NA	NA	NA	NA
Atmospheric sciences	NA	NA	NA	NA	NA	NA
Geological sciences	NA	NA	NA	NA	NA	NA
Oceanography	NA	NA	NA	NA	NA	NA
Environmental sciences, n.e.c.	NA	NA	NA	NA	NA	NA
Math & computer sciences, total	NA	NA	NA	NA	NA	NA
Mathematics	NA	NA	NA	NA	NA	NA
Computer sciences	NA	NA	NA	NA	NA	NA
Math & computer sciences, n.e.c.	NA	NA	NA	NA	NA	NA
Engineering, total	NA	NA	NA	NA	NA	NA
Aeronautical	NA	NA	NA	NA	NA	NA
Astronautical	NA	NA	NA	NA	NA	NA
Chemical	NA	NA	NA	NA	NA	NA
Civil	NA	NA	NA	NA	NA	NA
Electrical	NA	NA	NA	NA	NA	NA
Mechanical	NA	NA	NA	NA	NA	NA
Metallurgy & materials	NA	NA	NA	NA	NA	NA
Engineering, n.e.c.	NA	NA	NA	NA	NA	NA
Social sciences, total	NA	NA	NA	NA	NA	NA
Anthropology	NA	NA	NA	NA	NA	NA
Economics	NA	NA	NA	NA	NA	NA
Political science	NA	NA	NA	NA	NA	NA
Sociology	NA	NA	NA	NA	NA	NA
Social sciences, n.e.c.	NA	NA	NA	NA	NA	NA
History	NA	NA	NA	NA	NA	NA
Linguistics	NA	NA	NA	NA	NA	NA
Other social sciences	NA	NA	NA	NA	NA	NA
Other sciences, n.e.c.	NA	NA	NA	NA	NA	NA

KEY: HHS = Department of Health & Human Services
 NA = Not applicable (indicates that the data collected for this table were not recorded at that level in that particular fiscal year, or that the agency or subagency did not exist as such or in that organization in that year)
 n.e.c. = Not elsewhere classified

NOTES: Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields (such as psychology) in fiscal year 1992 seems to be underreported.

Data shown for fiscal years 1970-78 represent obligations of the Department of Health, Education, and Welfare. In 1979 the Department of Health, Education, and Welfare reorganized to become the Department of Health & Human Services and the Department of Education.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2001, 2002, and 2003